

## Patent Assignment Abstract of Title

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**Inventor:** Yuji Kakehi

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**Assignment: 1**

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**Assignor:** KAKEHI, YUJI

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**Assignee:** MITSUBISHI DENKI KABUSHIKI KAISHA

A CORPORATION OF JAPAN  
2-3, MARUNOUCHI 2-CHOME  
CHIYODA-KU, TOKYO 100-8310, JAPAN

**Correspondent:** ROTHWELL, FIGG, ERNST & MANBECK  
GEORGE R. REPPER  
1425 K STREET, N.W.  
SUITE 800  
WASHINGTON, D.C. 20005

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| 1  | US 20050100082<br>A1 | 20050512   | 13    | Channel equalisation   | 375/148    |
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| 5  | US 20040156427<br>A1 | 20040812   | 35    | System and method for generating signal waveforms in a CDMA cellular telephone system                    | 375/150    |
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| 8  | US 20040071199<br>A1 | 20040415   | 25    | Virtual finger method and apparatus for processing digital communication signals                         | 375/150    |
| 9  | US 20040071198<br>A1 | 20040415   | 46    | Code detection   | 375/148    |
| 10 | US 20040071193<br>A1 | 20040415   | 50    | Path search method, channel estimation method and communication device                                   | 375/144    |
| 11 | US 20040004997<br>A1 | 20040108   | 25    | Searching method and apparatus for processing digital communication signals                              | 375/148    |
| 12 | US 20030235238<br>A1 | 20031225   | 21    | Multipath channel tap delay estimation in a CDMA spread spectrum receiver                                | 375/148    |
| 13 | US 20030231705<br>A1 | 20031218   | 15    | Digital correlators  | 375/150    |
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| 15 | US 20030198283<br>A1 | 20031023   | 14    | Dynamic pilot filter bandwidth estimation  | 375/147    |
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| 22 | US 20020136280 A1 | 20020926   | 35    | Matched filter and method for determining correlation  | 375/150    |
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| 31 | US 6778586 B1     | 20040817   | 27    | Radio communication equipment and communication method   | 375/130    |
| 32 | US 6760362 B2     | 20040706   | 14    | Dynamic pilot filter bandwidth estimation  | 375/147    |
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| 43 | US 6424631 B1 | 20020723   | 18    | Apparatus and methods for determining rate of transmitted variable rate data   | 370/252    |
| 44 | US 6377607 B1 | 20020423   | 19    | System and method for performing accurate demodulation of turbo-encoded signals via pilot assisted coherent demodulation | 375/130    |
| 45 | US 6377559 B1 | 20020423   | 13    | Method, receiver and mobile station for transmitting data in a radio communication system                                | 370/326    |

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| 63 | US 5799011 A | 19980825   | 9     | CDMA power control channel estimation using dynamic coefficient scaling                    | 370/335    |
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| 65 | US 5790587 A | 19980804   | 23    | Multi-band, multi-mode spread-spectrum communication system                                | 375/147    |
| 66 | US 5787112 A | 19980728   | 53    | Data demodulation circuit and method for spread spectrum communication                     | 375/148    |
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| 86 | US 5528624 A | 19960618   | 16    | DS/CDMA receiver using parallel-operating multi-purpose correlators   | 375/148    |
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